

REPORT NO. : H311-20-08850



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## TEST REPORT

APPLICANT : HMNKIND  
REPORT NO. : H311-20-08850  
SAMPLE RECEIVED DATE : OCT. 26, 2020  
TEST STARTED DATE : OCT. 26, 2020  
REPORT ISSUED DATE : NOV. 06, 2020

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**SAMPLE DESCRIPTION :** TWO(2) PIECES OF SUBMITTED SAMPLE SAID TO BE  
KNIT MASK IN (A) BROWN, (B) TEAL.

**APPLICANT'S PROVIDED CARE INSTRUCTIONS:** HAND WASH  
WARM WATER  
MILD SOAP  
HANG TO DRY

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BUYER'S NAME : HMNKIND  
STYLE NO. : HMNKIND APM MASK  
COUNTRY OF ORIGIN : KOREA

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**TESTS CONDUCTED :** FOR DETAILS, PLEASE SEE ATTACHED PAGE(S).

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PREPARED AND CHECKED BY :  
FOR FITI



HYUN-JIN, KOO  
MANAGER, TESTING LAB

AUTHORIZED BY:  
FOR FITI



JE-GOO JUN  
PRESIDENT

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TESTS CONDUCTED

RESULTS

(1) ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS (AATCC TM100-2019):  
 (CFU/mL, PERCENT REDUCTION OF BACTERIA:%)

	BLANK	(A)	(B)
<u>BACTERIA-1</u>			
THE NUMBER OF BACTERIA AFTER INOCULATION	1.8 X 10 <sup>5</sup>	-	-
THE NUMBER OF BACTERIA AFTER 24h	1.5 X 10 <sup>7</sup>	2.1 X 10 <sup>4</sup>	2.2 X 10 <sup>4</sup>
PERCENT REDUCTION OF BACTERIA(%)	-	99.9	99.9
<u>BACTERIA-2</u>			
THE NUMBER OF BACTERIA AFTER INOCULATION	1.5 X 10 <sup>5</sup>	-	-
THE NUMBER OF BACTERIA AFTER 24h	8.0 X 10 <sup>7</sup>	6.6 X 10 <sup>6</sup>	1.3 X 10 <sup>4</sup>
PERCENT REDUCTION OF BACTERIA(%)	-	91.8	99.9

NOTE) TEST CONDITION

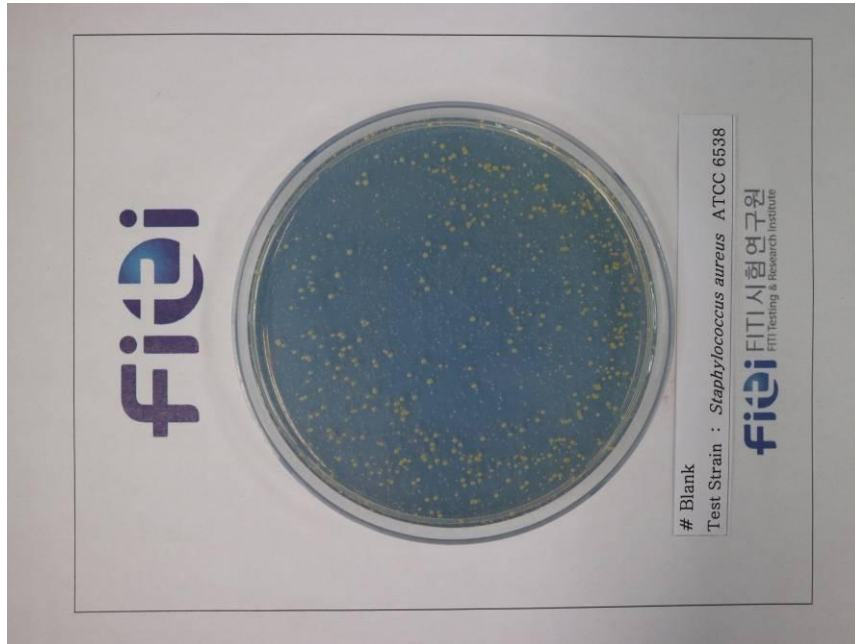
- TEST SPECIMEN : (4.8 ± 0.1) cm IN DIAMETER, (1.0 ± 0.1) g OF SWATCHES
  - VIABILITY CONTROL : 100% COTTON STANDARD SPECIFIED IN JIS L 0803
  - STERILIZATION OF SAMPLE : AUTOCLAVE AT (121 ± 2) °C, 15 min.
  - SUSPENSION MEDIUM : 5% NUTRIENT BROTH + 0.05 % TRITON X-100
  - NEUTRALIZING BROTH : DEY ENGLEBY BROTH
- TEST ORGANISM : BACTERIA-1 - STAPHYLOCOCCUS AUREUS ATCC 6538  
 BACTERIA-2 - KLEBSIELLA PNEUMONIAE ATCC 4352

SEE ATTACHED PHOTOS.

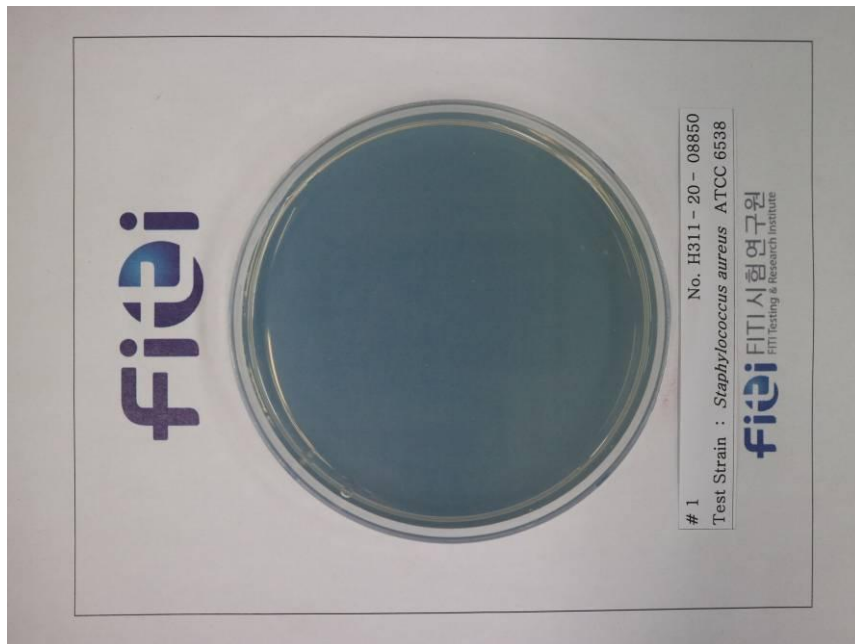
----- END OF THE REPORT -----

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**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-1 : BLANK -**



**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-1 : SAMPLE (A) -**

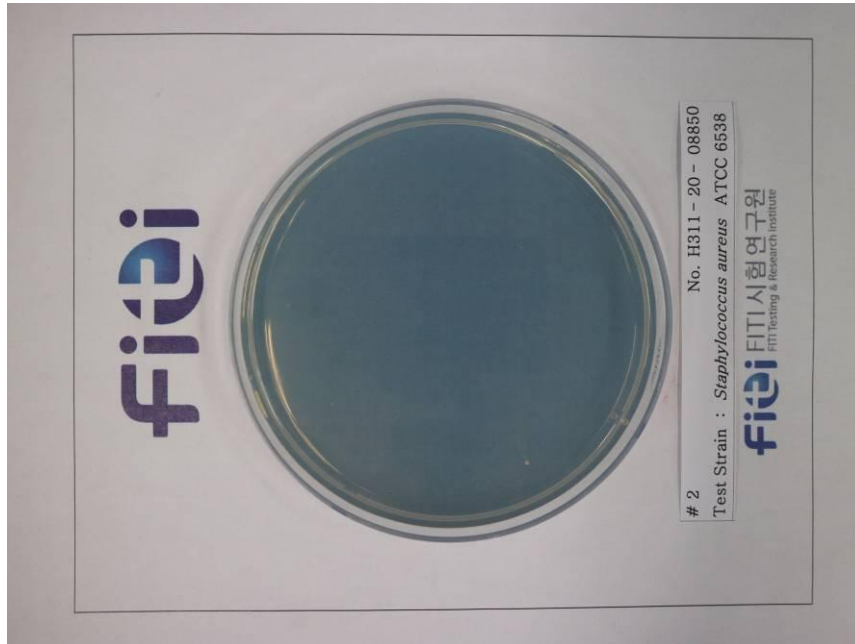


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REPORT NO. : H311-20-06925

**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-1 : SAMPLE (B) -**



**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-2 : BLANK -**

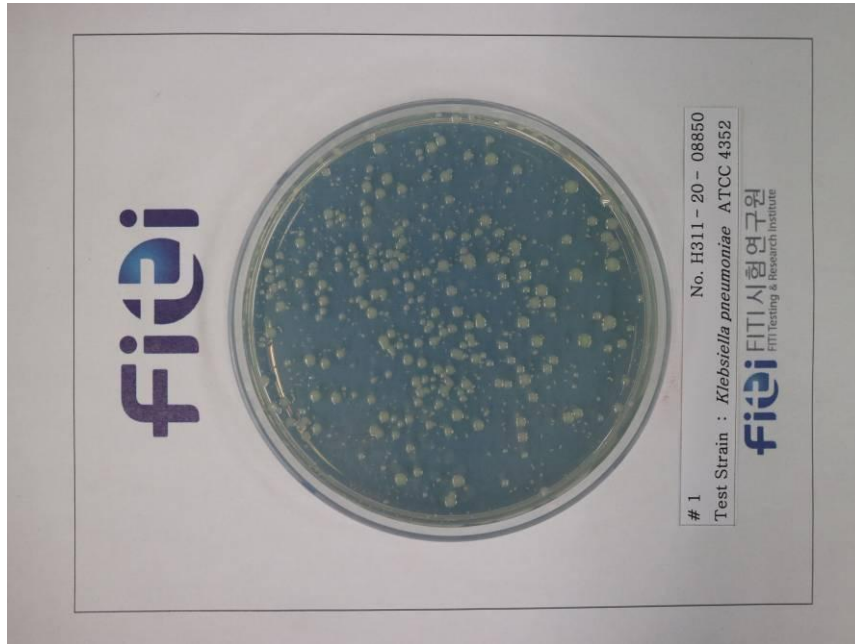


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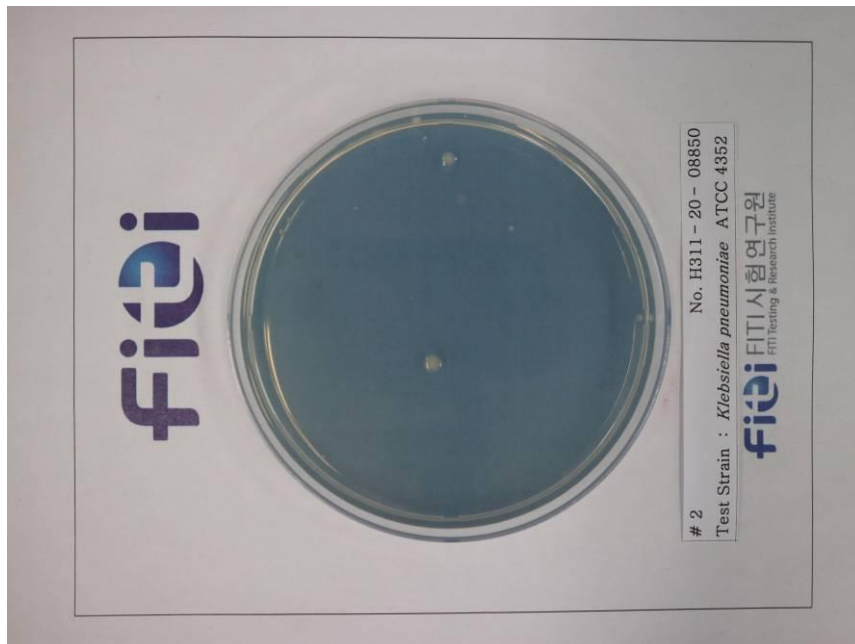
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REPORT NO. : H311-20-06925

**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-2 : SAMPLE (A) -**



**- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS : BACTERIA-2 : SAMPLE (B) -**



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